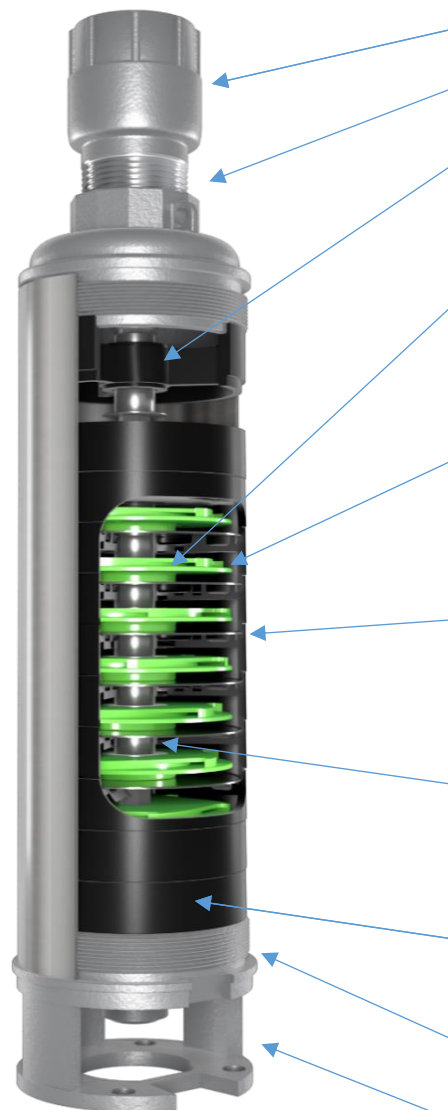


TECHNICAL DATA SHEET FLS6

PUMP MODEL		FLS6-50-112P	FLS6-50-113P	FLS6-50-232P	FLS6-50-233P	FLS6-75-232P	FLS6-75-233P	FLS6-100-232P	FLS6-100-233P	FLS6-150-232P
PRODUCT CODE		438-0010	438-0020	438-0030	438-0040	438-1030	438-1040	438-2030	438-2040	438-3030
NUMBER OF STAGES		11	11	11	11	15	15	18	18	23
NUMBER OF WIRES		2	3	2	3	2	3	2	3	2
GPM		6	6	6	6	6	6	6	6	6
MOTOR CODE		153-0100	153-0240	153-0120	153-0260	153-0140	153-0280	153-0160	153-0300	153-0180
HP		1/2	1/2	1/2	1/2	3/4	3/4	1	1	1 1/2
VOLTAGE		115	115	230	230	230	230	230	230	230
AMPERAGE		7.9	11	4	5.3	5	6.6	6.7	8.1	9
PHASES		1	1	1	1	1	1	1	1	1
MOTOR LENGTH (in)		11.0	10.0	11.0	9.7	12.4	10.8	13.3	11.7	14.9
PUMP END LENGTH (in)		16.8	16.8	16.8	16.8	19.7	19.7	22.0	22.0	26.5
COMPLETE PUMP LENGTH (in)		27.8	26.8	27.8	26.5	32.1	30.5	35.3	33.7	41.4
MOTOR WEIGHT (lbs)		19	19	19	18	23	21	24	23	29
COMPLETE PUMP WEIGHT (lbs)				28	29	34	34		38	
AWG WIRE SIZE	14	115	87	466	348	342	264	241	226	199
	12	183	138	742	553	545	420	383	359	317
	10	293	221	1183	883	869	670	611	573	505
	8	463	349	1874	1398	1376	1061	968	908	801
	6	721	544	2915	2175	2141	1651	1506	1413	1246
CONTROL BOX CSCR AWG WIRE SIZE	14				447		348		304	
	12				711		553		484	
	10				1135		883		772	
	8				1797		1398		1223	
	6				2796		2175		1903	

PUMP MODEL		FLS6-150-233P	FLS6-150-575P
PRODUCT CODE		438-3040	438-3070
NUMBER OF STAGES		23	23
NUMBER OF WIRES		3	3
GPM		6	6
MOTOR CODE		153-0320	153-0340
HP		1 1/2	1 1/2
VOLTAGE		230	575
AMPERAGE		9.1	2
PHASES		1	3
MOTOR LENGTH (in)		13.6	11.7
PUMP END LENGTH (in)		26.5	26.5
COMPLETE PUMP LENGTH (in)		40.1	38.2
MOTOR WEIGHT (lbs)		27	23
COMPLETE PUMP WEIGHT (lbs)			
AWG WIRE SIZE	14		2283
	12		3631
	10		5792
	8		
	6		
CONTROL BOX CSCR AWG WIRE SIZE	14	197	
	12	314	
	10	501	
	8	793	
	6	1234	



CHARACTERISTICS	
1	External 304 stainless steel check valve
2	304 stainless steel head
3	Top bearing support: rubber sleeve reduces sand wear
4	Improved performance and abrasion resistance thanks to the self-lubricating acetal floating impeller design
5	Color-coded impeller for easy identification of 6 gpm, 10 gpm, 15 gpm, and 25 gpm pumps
6	Polished stainless steel floating disk that reduces friction and dissipates heat
7	Ultra-abrasion-resistant wear rings with a separate bearing at each stage will reduce pressure loss
8	New nylon fiber diffusers provide high-performance and resist thermal shock
9	Threaded tube for easier repair and maintenance
10	304 stainless steel bracket

PUMPING CURVE

